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DES DIVISION OF EMPLOYMENT SECURITY

Employment Review

OCTOBER 1988

EMPLOYMENT LEVELS DISPLAY MONTHLY GAINS

The number of nonagricultural wage and salary jobs across the Commonwealth continued to expand from the summer's seasonal decline with a gain of 22,700 jobs in October. Nonagricultural employment (which does not include farm workers, self employed, domestics, or unpaid family workers) reached 3,152,000 this month.

- Seasonal factors caused major surges in educational services, with the public sector adding 10,800 jobs and the private sector up by 15,600 from September 1988. As a result of this, the government division and the services division grew over the month by 2.5 percent and 1.6 percent respectively.

- The manufacturing division's nondurable goods producing industries added 600 jobs, but this was not enough to overcome losses in the durable goods industries, resulting in a slight decline over the month.

- Construction, and transportation, communication, and public utilities remained fairly stable over the month however, declines of 700 jobs were seen in both trade, and finance, insurance, and real estate.

Employment continued to expand over the year as nonfarm employment rose by 71,800 from October 1987, an increase of 2.3 percent.

- The service division had the major gain in the number of new jobs, up 44,200 since October 1987. Other divisions showing growth over the year include: construction (14,900 new jobs); trade (11,700 new jobs); finance, insurance, and real estate (10,500 new jobs); government (5,500 new jobs); and transportation, communication, and public utilities (1,200 new jobs).

- Manufacturing displayed an over the year decline with durable goods down by 12,500 jobs and nondurables decreasing 3,800.

- The state's high technology industries were split with the manufacturing industries declining by 6,200 jobs or 2.6 percent and the nonmanufacturing industries gaining 3,700 or 4.3 percent.

UNEMPLOYMENT UP SLIGHTLY

The Commonwealth recorded a seasonally adjusted unemployment rate of 3.3 percent in October 1988, up slightly from September's rate of 3.0

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NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

MASSACHUSETTS

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	3152.0	3129.3	3080.2	22.7	0.7	71.8	2.3
Manufacturing	579.0	579.1	595.3	-0.1	****	-16.3	-2.7
Durable Goods	383.0	383.7	395.5	-0.7	-0.2	-12.5	-3.2
Lumber & Furniture	13.4	13.5	13.8	-0.1	-0.7	-0.4	-2.9
Stone,Clay & Glass	11.0	11.0	10.9	0.0	****	0.1	0.9
Primary Metals	15.9	15.8	15.4	0.1	0.6	0.5	3.2
Fabricated Metals	40.2	40.1	41.1	0.1	0.2	-0.9	-2.2
Cutlery,Hand tools,Hardware	8.5	8.4	8.7	0.1	1.2	-0.2	-2.3
Machinery, except electrical	99.9	100.1	102.1	-0.2	-0.2	-2.2	-2.2
Metalworking machinery	12.9	12.7	12.9	0.2	1.6	0.0	****
Special Industry machinery	10.6	10.7	11.1	-0.1	-0.9	-0.5	-4.5
* Office Computing, & Accounting Machines	57.0	57.0	56.8	0.0	****	0.2	0.4
Electrical & Electronic machinery,equip.,etc.	100.4	101.1	104.2	-0.7	-0.7	-3.8	-3.6
Communications equipment	38.7	39.2	40.4	-0.5	-1.3	-1.7	-4.2
Electronic components	41.9	41.8	42.5	0.1	0.2	-0.6	-1.4
Transportation equipment	31.2	31.3	34.7	-0.1	-0.3	-3.5	-10.1
Instruments	52.1	52.2	53.8	-0.1	-0.2	-1.7	-3.2
Measuring & Control devices	17.5	17.4	18.8	0.1	0.6	-1.3	-6.9
Miscellaneous Manufacturing Industries	18.9	18.6	19.5	0.3	1.6	-0.6	-3.1
Jewelry	7.0	6.9	7.6	0.1	1.4	-0.6	-7.9
Nondurable Goods	196.0	195.4	199.8	0.6	0.3	-3.8	-1.9
Food & kindred products	20.0	19.8	21.4	0.2	1.0	-1.4	-6.5
Textile mill products	15.6	16.0	16.9	-0.4	-2.5	-1.3	-7.7
Apparel	23.2	23.3	25.3	-0.1	-0.4	-2.1	-8.3
Mens & Boys suits,coats & furnishings	6.3	6.2	6.6	0.1	1.6	-0.3	-4.5
Paper & allied products	24.6	24.3	24.2	0.3	1.2	0.4	1.7
Printing & Publishing	57.2	56.7	55.4	0.5	0.9	1.8	3.2
Chemicals	17.2	17.2	17.0	0.0	****	0.2	1.2
Rubber & miscellaneous Plastic products	28.0	27.8	28.9	0.2	0.7	-0.9	-3.1
Miscellaneous Plastic products	21.5	21.3	22.2	0.2	0.9	-0.7	-3.2
Leather & Leather products	8.5	8.5	9.0	0.0	****	-0.5	-5.6
Footwear, except rubber	4.1	4.2	4.4	-0.1	-2.4	-0.3	-6.8
Mining	2.0	2.0	1.9	0.0	****	0.1	5.3
Construction	161.9	162.0	147.0	-0.1	-0.1	14.9	10.1
Transportation, Communication & Public Utilities	132.6	132.4	131.4	0.2	0.2	1.2	0.9
Wholesale & Retail trade	734.4	735.1	722.7	-0.7	-0.1	11.7	1.6
Wholesale Trade	174.9	175.3	170.0	-0.4	-0.2	4.9	2.9
Retail Trade	559.5	559.8	552.7	-0.3	-0.1	6.8	1.2
Finance, Insurance & Real Estate	229.5	230.2	219.0	-0.7	-0.3	10.5	4.8
Banking	64.6	64.7	64.1	-0.1	-0.2	0.5	0.8
Services	906.9	892.8	862.7	14.1	1.6	44.2	5.1
Health Services	252.5	252.2	243.6	0.3	0.1	8.9	3.7
Educational Services	125.7	110.1	122.7	15.6	14.2	3.0	2.4
Government	405.7	395.7	400.2	10.0	2.5	5.5	1.4
Federal	62.2	61.8	61.4	0.4	0.6	0.8	1.3
U.S. Postal Service	28.1	27.9	26.6	0.2	0.7	1.5	5.6
State	102.5	102.6	100.6	-0.1	-0.1	1.9	1.9
Educational services	27.1	26.7	27.8	0.4	1.5	-0.7	-2.5
Local	241.0	231.3	238.2	9.7	4.2	2.8	1.2
Educational services	137.6	127.2	134.6	10.4	8.2	3.0	2.2
Other Local	103.4	104.1	103.6	-0.7	-0.7	-0.2	-0.2
* High Technology Manufacturing	233.0	234.0	239.2	-1.0	-0.4	-6.2	-2.6
* High Technology Nonmanufacturing	89.8	90.2	86.1	-0.4	-0.4	3.7	4.3

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

BOSTON PMSA

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
NONAGRICULTURAL EMPLOYMENT	1764.9	1743.6	1734.2	21.3	1.2	30.7	1.8
Manufacturing	273.0	273.2	281.6	-0.2	-0.1	-8.6	-3.1
Durable Goods	193.3	193.4	200.9	-0.1	-0.1	-7.6	-3.8
Primary Metals	3.2	3.2	3.3	0.0	****	-0.1	-3.0
Fabricated Metals	15.6	15.5	16.1	0.1	0.6	-0.5	-3.1
Machinery, except electrical	46.3	46.3	48.2	0.0	****	-1.9	-3.9
Electrical & Electronic machinery,equip.,etc.	58.1	58.5	59.3	-0.4	-0.7	-1.2	-2.0
Transportation equipment	19.5	19.6	22.8	-0.1	-0.5	-3.3	-14.5
Instruments	39.2	39.0	39.6	0.2	0.5	-0.4	-1.0
Nondurable Goods	79.7	79.8	80.7	-0.1	-0.1	-1.0	-1.2
Food & kindred products	11.7	11.6	11.7	0.1	0.9	0.0	****
Textile mill products	2.3	2.4	2.5	-0.1	-4.2	-0.2	-8.0
Apparel	6.3	6.3	6.6	0.0	****	-0.3	-4.5
Paper & allied products	6.7	6.7	7.0	0.0	****	-0.3	-4.3
Printing & Publishing	34.0	33.8	33.1	0.2	0.6	0.9	2.7
Chemicals	7.9	8.1	8.1	-0.2	-2.5	-0.2	-2.5
Rubber & miscellaneous Plastic products	7.8	7.8	8.5	0.0	****	-0.7	-8.2
Leather & Leather products	2.3	2.3	2.4	0.0	****	-0.1	-4.2
Mining	1.2	1.1	0.9	0.1	9.1	0.3	33.3
Construction	78.1	78.6	73.3	-0.5	-0.6	4.8	6.5
Transportation, Communication & Public Utilities	76.2	76.3	75.6	-0.1	-0.1	0.6	0.8
Wholesale & Retail trade	388.5	385.8	385.2	2.7	0.7	3.3	0.9
Finance, Insurance & Real Estate	155.7	155.9	151.5	-0.2	-0.1	4.2	2.8
Banking	44.1	44.2	43.1	-0.1	-0.2	1.0	2.3
Insurance	36.0	36.3	36.2	-0.3	-0.8	-0.2	-0.6
Services	580.3	565.9	561.3	14.4	2.5	19.0	3.4
Health Services	142.4	141.6	138.8	0.8	0.6	3.6	2.6
Educational Services	90.9	79.0	92.0	11.9	15.1	-1.1	-1.2
Government	211.9	206.8	204.8	5.1	2.5	7.1	3.5
Federal	38.0	37.9	38.3	0.1	0.3	-0.3	-0.8
U.S. Postal Service	15.5	15.4	14.9	0.1	0.6	0.6	4.0
Federal Hospitals	4.9	4.9	5.0	0.0	****	-0.1	-2.0
State	51.2	50.9	48.6	0.3	0.6	2.6	5.3
State Hospitals	5.1	5.1	4.9	0.0	****	0.2	4.1
Educational services	9.0	8.7	8.6	0.3	3.4	0.4	4.7
Local	122.7	118.0	117.9	4.7	4.0	4.8	4.1

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
SPRINGFIELD MSA							
NONAGRICULTURAL EMPLOYMENT	243.3	240.0	240.4	3.3	1.4	2.9	1.2
Manufacturing	51.4	50.6	51.3	0.8	1.6	0.1	0.2
Durable Goods	26.4	26.1	26.3	0.3	1.1	0.1	0.4
Fabricated Metals	7.2	7.1	7.0	0.1	1.4	0.2	2.9
Machinery, except electrical	6.6	6.6	6.5	0.0	****	0.1	1.5
Nondurable Goods	25.0	24.5	25.0	0.5	2.0	0.0	****
Textile mill products	1.5	1.5	1.5	0.0	****	0.0	****
Apparel	0.8	0.8	1.0	0.0	****	-0.2	-20.0
Paper & allied products	8.2	7.9	7.7	0.3	3.8	0.5	6.5
Printing & Publishing	6.2	6.1	6.3	0.1	1.6	-0.1	-1.6
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Construction	11.2	11.1	10.5	0.1	0.9	0.7	6.7
Transportation, Communication & Public Utilities	10.1	10.1	9.6	0.0	****	0.5	5.2
Wholesale & Retail trade	58.2	58.1	57.0	0.1	0.2	1.2	2.1
Finance, Insurance & Real Estate	16.4	16.7	16.3	-0.3	-1.8	0.1	0.6
Services	59.0	57.8	57.5	1.2	2.1	1.5	2.6
Government	36.9	35.5	38.1	1.4	3.9	-1.2	-3.1
Federal	6.2	6.2	6.1	0.0	****	0.1	1.6
State	8.8	8.5	8.6	0.3	3.5	0.2	2.3
Local	21.9	20.8	23.4	1.1	5.3	-1.5	-6.4
WORCESTER MSA							
NONAGRICULTURAL EMPLOYMENT	210.6	208.2	202.7	2.4	1.2	7.9	3.9
Manufacturing	46.1	46.0	46.6	0.1	0.2	-0.5	-1.1
Durable Goods	30.9	30.9	31.0	0.0	****	-0.1	-0.3
Primary Metals	2.2	2.2	2.1	0.0	****	0.1	4.8
Fabricated Metals	7.1	7.0	6.8	0.1	1.4	0.3	4.4
Machinery, except electrical	9.9	9.8	10.2	0.1	1.0	-0.3	-2.9
Nondurable Goods	15.2	15.1	15.6	0.1	0.7	-0.4	-2.6
Textile mill products	2.3	2.6	2.8	-0.3	-11.5	-0.5	-17.9
Leather & Leather products	0.5	0.5	0.7	0.0	****	-0.2	-28.6
Mining	0.2	0.2	0.1	0.0	****	0.1	100.0
Construction	11.1	11.1	10.1	0.0	****	1.0	9.9
Transportation, Communication & Public Utilities	8.6	8.6	8.9	0.0	****	-0.3	-3.4
Wholesale & Retail trade	48.7	48.4	47.7	0.3	0.6	1.0	2.1
Finance, Insurance & Real Estate	14.9	15.1	14.2	-0.2	-1.3	0.7	4.9
Services	55.3	53.5	50.0	1.8	3.4	5.3	10.6
Government	25.7	25.3	25.1	0.4	1.6	0.6	2.4

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
BROCKTON PMSA							
NONAGRICULTURAL EMPLOYMENT	75.4	75.3	73.2	0.1	0.1	2.2	3.0
Manufacturing	11.5	11.4	11.5	0.1	0.9	0.0	****
Durable Goods	6.3	6.3	6.3	0.0	****	0.0	****
Electrical & Electronic machinery,equip.,etc.	1.2	1.3	1.4	-0.1	-7.7	-0.2	-14.3
Nondurable Goods	5.2	5.1	5.2	0.1	2.0	0.0	****
Construction	4.5	4.6	4.0	-0.1	-2.2	0.5	12.5
Transportation, Communication & Public Utilities	5.3	5.3	5.2	0.0	****	0.1	1.9
Wholesale & Retail trade	23.3	23.5	22.1	-0.2	-0.9	1.2	5.4
Finance, Insurance & Real Estate	3.1	3.2	3.1	-0.1	-3.1	0.0	****
Services	15.7	15.8	15.3	-0.1	-0.6	0.4	2.6
Government	12.0	11.5	12.0	0.5	4.3	0.0	****
Federal	3.2	3.1	3.0	0.1	3.2	0.2	6.7
State	2.6	2.6	2.6	0.0	****	0.0	****
Local	6.2	5.8	6.4	0.4	6.9	-0.2	-3.1
LAWRENCE - HAVERHILL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	164.7	164.6	163.1	0.1	0.1	1.6	1.0
Manufacturing	49.4	49.5	50.8	-0.1	-0.2	-1.4	-2.8
Durable Goods	35.8	35.8	37.1	0.0	****	-1.3	-3.5
Nondurable Goods	13.6	13.7	13.7	-0.1	-0.7	-0.1	-0.7
Leather & Leather products	1.8	1.8	1.8	0.0	****	0.0	****
Construction	8.6	8.9	8.4	-0.3	-3.4	0.2	2.4
Transportation, Communication & Public Utilities	6.7	6.7	7.0	0.0	****	-0.3	-4.3
Wholesale & Retail trade	38.3	38.2	36.6	0.1	0.3	1.7	4.6
Finance, Insurance & Real Estate	6.5	6.6	6.4	-0.1	-1.5	0.1	1.6
Services	34.4	34.6	33.2	-0.2	-0.6	1.2	3.6
Government	20.8	20.1	20.7	0.7	3.5	0.1	0.5

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
*** PITTSFIELD MSA**							
NONAGRICULTURAL EMPLOYMENT	44.1	43.3	42.7	0.8	1.8	1.4	3.3
Mining	0.1	0.1	0.1	0.0	****	0.0	****
Manufacturing	10.7	10.7	11.5	0.0	****	-0.8	-7.0
Machinery	6.0	6.1	6.8	-0.1	-1.6	-0.8	-11.8
All other manufacturing	4.7	4.6	4.7	0.1	2.2	0.0	****
Construction	3.0	3.0	2.6	0.0	****	0.4	15.4
Transportation, Communication & Public Utilities	1.1	1.1	1.1	0.0	****	0.0	****
Wholesale & Retail trade	10.6	10.2	9.9	0.4	3.9	0.7	7.1
Finance, Insurance & Real Estate	2.1	2.2	2.1	-0.1	-4.5	0.0	****
Services	11.3	11.0	10.3	0.3	2.7	1.0	9.7
Government	5.2	5.0	5.1	0.2	4.0	0.1	2.0
NEW BEDFORD MSA							
NONAGRICULTURAL EMPLOYMENT	69.2	68.8	67.4	0.4	0.6	1.8	2.7
Manufacturing	18.6	18.5	19.2	0.1	0.5	-0.6	-3.1
Durable Goods	7.9	7.9	8.1	0.0	****	-0.2	-2.5
Primary & Fabricated Metals	2.3	2.3	2.7	0.0	****	-0.4	-14.8
Nondurable Goods	10.7	10.6	11.1	0.1	0.9	-0.4	-3.6
Apparel	5.5	5.5	5.7	0.0	****	-0.2	-3.5
Construction	3.8	3.8	3.3	0.0	****	0.5	15.2
Transportation, Communication & Public Utilities	3.1	3.0	3.0	0.1	3.3	0.1	3.3
Wholesale & Retail trade	17.0	17.2	16.3	-0.2	-1.2	0.7	4.3
Finance, Insurance & Real Estate	2.7	2.7	2.5	0.0	****	0.2	8.0
Services	13.7	13.7	13.0	0.0	****	0.7	5.4
Government	10.3	9.9	10.1	0.4	4.0	0.2	2.0
FALL RIVER MASS. - R.I. PMSA							
NONAGRICULTURAL EMPLOYMENT	57.5	57.5	56.1	0.0	****	1.4	2.5
Manufacturing	15.9	16.1	17.0	-0.2	-1.2	-1.1	-6.5
Textile mill products	4.0	4.0	4.4	0.0	****	-0.4	-9.1
All other manufacturing	11.9	12.1	12.6	-0.2	-1.7	-0.7	-5.6
Construction	3.0	3.0	2.6	0.0	****	0.4	15.4
Transportation, Communication & Public Utilities	2.0	1.9	1.8	0.1	5.3	0.2	11.1
Wholesale & Retail trade	15.9	16.1	14.9	-0.2	-1.2	1.0	6.7
Finance, Insurance & Real Estate	3.3	3.2	3.0	0.1	3.1	0.3	10.0
Services	10.8	10.8	10.2	0.0	****	0.6	5.9
Government	6.6	6.4	6.6	0.2	3.1	0.0	****

NOTE: By place of work, not comparable to labor force employment statistics

NONAGRICULTURAL WAGE & SALARY EMPLOYMENT

INDUSTRY	EMPLOYMENT			CHANGE			
				PRIOR MO.		YEAR AGO	
	OCT 1988	SEPT 1988	OCT 1987	#	%	#	%
FITCHBURG - LEOMINSTER MSA							
NONAGRICULTURAL EMPLOYMENT	40.6	40.4	40.3	0.2	0.5	0.3	0.7
Manufacturing	11.5	11.4	11.6	0.1	0.9	-0.1	-0.9
Durable Goods	4.7	4.7	4.6	0.0	****	0.1	2.2
Machinery, except electrical	3.0	3.0	2.9	0.0	****	0.1	3.4
Nondurable Goods	6.8	6.7	7.0	0.1	1.5	-0.2	-2.9
Rubber & miscellaneous Plastic products	3.4	3.4	3.7	0.0	****	-0.3	-8.1
Construction	3.0	3.0	2.7	0.0	****	0.3	11.1
Transportation, Communication & Public Utilities	1.7	1.6	1.6	0.1	6.3	0.1	6.3
Wholesale & Retail trade	10.4	10.2	10.2	0.2	2.0	0.2	2.0
Finance, Insurance & Real Estate	1.9	2.0	1.8	-0.1	-5.0	0.1	5.6
Services	8.1	8.2	8.1	-0.1	-1.2	0.0	****
Government	4.0	4.0	4.3	0.0	****	-0.3	-7.0
LOWELL MASS. - N.H. PMSA							
NONAGRICULTURAL EMPLOYMENT	107.7	106.4	106.5	1.3	1.2	1.2	1.1
Mining	0.1	0.1	0.2	0.0	****	-0.1	-50.0
Manufacturing	35.3	35.3	36.1	0.0	****	-0.8	-2.2
Construction	6.6	6.6	5.8	0.0	****	0.8	13.8
Transportation, Communication & Public Utilities	3.4	3.3	3.7	0.1	3.0	-0.3	-8.1
Wholesale & Retail trade	22.9	22.6	22.4	0.3	1.3	0.5	2.2
Finance, Insurance & Real Estate	4.3	4.3	4.3	0.0	****	0.0	****
Services	20.9	20.7	20.6	0.2	1.0	0.3	1.5
Government	14.2	13.5	13.4	0.7	5.2	0.8	6.0
***SALEM - GLOUCESTER PMSA**							
NONAGRICULTURAL EMPLOYMENT	116.5	116.3	112.0	0.2	0.2	4.5	4.0
Manufacturing	21.3	21.3	21.8	0.0	****	-0.5	-2.3
Durable Goods	14.7	14.6	15.0	0.1	0.7	-0.3	-2.0
Nondurable Goods	6.6	6.7	6.8	-0.1	-1.5	-0.2	-2.9
Construction	5.8	5.7	5.3	0.1	1.8	0.5	9.4
Transportation, Communication & Public Utilities	3.8	4.0	3.6	-0.2	-5.0	0.2	5.6
Wholesale & Retail trade	34.5	34.8	33.0	-0.3	-0.9	1.5	4.5
Finance, Insurance & Real Estate	6.1	6.4	5.3	-0.3	-4.7	0.8	15.1
Services	29.0	28.9	27.3	0.1	0.3	1.7	6.2
Government	15.9	15.1	15.6	0.8	5.3	0.3	1.9

NOTE: By place of work, not comparable to labor force employment statistics
* - Not currently validated by the U.S. Bureau of Labor Statistics

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS

MANUFACTURING

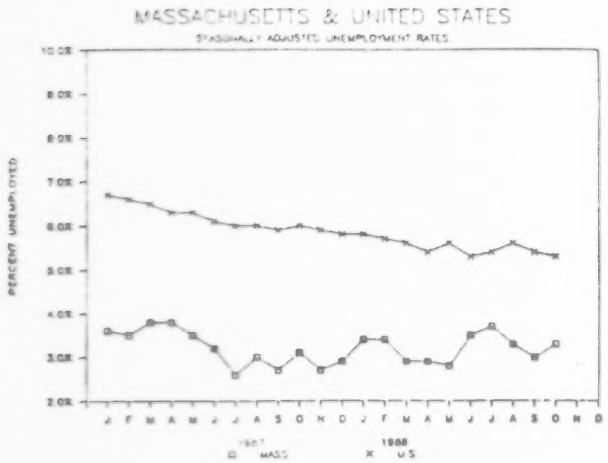
Area	Average Weekly Hours			Average Hourly Earnings		
	OCT 88	SEPT 88	OCT 87	OCT 88	SEPT 88	OCT 87
UNITED STATES	41.2	41.3	41.3	$10.25	$10.25	$9.95
MASSACHUSETTS	41.0	41.6	41.1	10.46	10.38	10.00
BOSTON	41.3	41.5	40.9	11.10	11.08	10.81
BROCKTON	39.9	40.4	40.7	8.65	8.54	8.18
FALL RIVER	37.0	37.1	37.4	7.95	7.82	7.52
LAWRENCE-HAVERHILL	40.2	40.5	41.3	10.21	10.17	9.84
LOWELL	41.5	41.6	42.5	10.22	10.14	10.26
NEW BEDFORD	37.9	38.2	37.3	8.85	8.71	8.47
SPRINGFIELD	42.7	42.9	41.9	9.88	9.84	9.39
WORCESTER	40.8	40.9	40.7	10.64	10.61	10.10

Nonagricultural Wage and Salary Employment

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS BY INDUSTRY

MASSACHUSETTS

Industry	Average Weekly Hours			Average Hourly Earnings		
	OCT 88	SEPT 88	OCT 87	OCT 88	SEPT 88	OCT 87
MANUFACTURING	41.0	41.6	41.1	$10.46	$10.38	$10.00
DURABLE GOODS	41.5	42.1	42.1	10.83	10.78	10.51
LUMBER & FURNITURE	39.6	40.2	41.0	8.20	8.26	7.69
STONE, CLAY & GLASS	41.8	41.6	40.2	12.90	12.84	12.28
PRIMARY METALS	40.9	42.3	42.0	10.02	9.96	9.54
FABRICATED METALS	41.5	42.1	41.2	10.75	10.79	10.24
CUTLERY, ETC.	45.1	46.1	45.6	11.76	11.38	11.29
MACHINERY, EX. ELEC.	41.8	42.9	41.9	11.08	10.99	10.84
METALWORKING MACH.	43.0	44.0	43.0	11.43	11.34	11.06
SPECIAL INDU. MACH.	42.8	44.1	43.0	11.97	11.95	11.92
ELEC. & ELECTRON. MACH.	40.4	41.1	42.1	10.36	10.30	9.88
COMMUNICATIONS EQUIP.	39.5	41.1	42.5	10.56	10.76	10.20
ELECTRONIC COMP.	41.6	41.5	43.3	10.37	10.23	10.00
TRANSPORTATION EQUIP.	42.3	42.0	41.9	13.16	13.05	13.13
INSTRUMENTS	43.0	43.1	44.7	11.29	11.27	11.32
MEAS. & CONTROL DEVICES	44.7	45.5	43.6	8.68	8.75	8.39
MISC. MANUFAC. IND.	42.3	42.8	42.4	9.38	9.21	8.97
JEWELRY	42.4	41.3	41.6	8.42	8.23	7.74
NONDURABLE GOODS	40.2	41.0	39.4	9.88	9.76	9.14
FOOD & KINDRED PROD.	40.2	40.0	39.5	10.42	10.31	9.34
TEXTILE MILL PROD.	43.9	42.9	42.4	8.90	8.92	8.21
APPAREL	38.0	40.5	37.6	7.17	6.86	6.52
MENS & BOYS SUITS	37.5	39.7	38.7	7.68	7.46	7.39
PAPER & ALLIED PRODUCTS	42.3	44.0	44.5	10.53	10.44	9.73
PRINTING & PUBLISHING	37.7	37.9	36.7	10.76	10.69	10.28
CHEMICALS	42.0	42.5	43.0	12.49	12.24	11.34
RUBBER & PLASTIC PROD.	42.4	43.3	39.6	9.66	9.66	8.89
MISC. PLAS. PROD.	42.0	41.8	38.6	9.56	9.57	8.38
LEATHER & LEATHER PROD.	35.8	37.1	35.9	7.73	7.64	7.50
FOOTWEAR, EX. RUBBER	35.8	37.3	35.3	6.79	6.82	6.62



(continued from page 1)

percent. The national unemployment rate registered a small decrease to 5.3 percent from 5.4 percent one month ago.

- Among the state's major labor areas, the Worcester MSA led again with the lowest seasonally unadjusted unemployment rate of 2.4 percent, followed by the Boston PMSA with 2.5 percent, the Salem-Gloucester MSA with 2.6 percent, and the Springfield MSA with 2.8 percent. In all four areas the October rate registered a decline from the previous month.

- In the smaller areas, low unemployment rates were seen in the Nantucket LMA (0.9 percent), the Great Barrington LMA (1.9 percent), the Amherst LMA (2.3 percent), and the Greenfield LMA (2.4 percent).

- Massachusetts, with a seasonally adjusted rate of 3.3 percent, ranked first with the lowest unemployment rate among the eleven large states, followed by New Jersey with 3.9 percent, and North Carolina with 4.0 percent. Michigan and Texas had the highest rates with 7.2 percent and 7.4 percent respectively.

THE WORCESTER MSA

The Worcester Metropolitan Statistical Area, covering 29 cities and towns located in central Massachusetts, is the third largest labor market area in the Commonwealth in terms of employment (210,600 jobs). In October 1988 it recorded the lowest unemployment rate among the state's major labor market areas. In October 1986 an analysis of the Worcester MSA appeared in this publication. Since that time some changes have occured in the labor market's economy.

- Between October 1986 and October 1988 the Worcester MSA's share of the Commonwealth's total nonagricultural employment has risen from nearly 6.5 percent to 6.7 percent. In manufacturing, Worcester's jobs now account for 8.0 percent of the statewide total, up from about 7.0 percent two years ago.

- A comparison of the Worcester MSA's total job growth with that of the state during the October 1986 - October 1988 period, shows the Worcester growth rate to be 7.4 percent well above the state's rate of 4.2 percent.

UNEMPLOYMENT RATES
UNITED STATES AND MASSACHUSETTS
SEASONALLY ADJUSTED

(In Thousands)

	October 1988	September 1988	October 1987
United States	5.3	5.4	6.0
Massachusetts	3.3	3.0	3.1
Labor Force	3,157.0	3,144.0	3,111.0
Employed	3,054.0	3,051.0	3,014.0
Unemployed	103.0	93.0	97.0

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	OCTOBER 1988	SEPTEMBER 1988	OCTOBER 1987
UNITED STATES			
LABOR FORCE	122,432,000	121,842,000	120,743,000
EMPLOYMENT	116,250,000	115,474,000	113,898,000
UNEMPLOYMENT	6,182,000	6,368,000	6,845,000
PERCENT UNEMPLOYED	5.0	5.2	5.7
MASSACHUSETTS			
LABOR FORCE	3,148,600	3,130,000	3,109,300
EMPLOYMENT	3,059,600	3,035,900	3,025,400
UNEMPLOYMENT	89,000	94,100	83,900
PERCENT UNEMPLOYED	2.8	3.0	2.7
MAJOR LABOR AREAS			
BOSTON PMSA			
LABOR FORCE	1,547,940	1,537,140	1,544,280
EMPLOYMENT	1,509,340	1,496,080	1,508,050
UNEMPLOYMENT	38,600	41,060	36,240
PERCENT UNEMPLOYED	2.5	2.7	2.3
BROCKTON PMSA			
LABOR FORCE	100,210	99,930	97,560
EMPLOYMENT	96,750	96,480	94,530
UNEMPLOYMENT	3,450	3,450	3,030
PERCENT UNEMPLOYED	3.4	3.5	3.1
FALL RIVER PMSA			
LABOR FORCE	76,550	76,670	76,340
EMPLOYMENT	73,330	73,410	73,110
UNEMPLOYMENT	3,230	3,270	3,230
PERCENT UNEMPLOYED	4.2	4.3	4.2
FITCHBURG-LEOMINSTER MSA			
LABOR FORCE	45,490	44,650	45,500
EMPLOYMENT	43,740	42,870	43,890
UNEMPLOYMENT	1,750	1,780	1,610
PERCENT UNEMPLOYED	3.8	4.0	3.5
LAWRENCE-HAVERHILL PMSA			
LABOR FORCE	184,020	184,080	184,950
EMPLOYMENT	176,860	176,290	177,410
UNEMPLOYMENT	7,160	7,790	7,550
PERCENT UNEMPLOYED	3.9	4.2	4.1
LOWELL PMSA			
LABOR FORCE	150,960	149,000	150,160
EMPLOYMENT	146,030	143,810	145,530
UNEMPLOYMENT	4,940	5,190	4,630
PERCENT UNEMPLOYED	3.3	3.5	3.1
NEW BEDFORD MSA			
LABOR FORCE	86,510	86,150	85,030
EMPLOYMENT	83,200	82,700	81,930
UNEMPLOYMENT	3,310	3,450	3,090
PERCENT UNEMPLOYED	3.8	4.0	3.6

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	OCTOBER 1988	SEPTEMBER 1988	OCTOBER 1987
PITTSFIELD MSA			
LABOR FORCE	41,950	41,320	40,790
EMPLOYMENT	40,230	39,380	39,410
UNEMPLOYMENT	1,720	1,940	1,380
PERCENT UNEMPLOYED	4.1	4.7	3.4
SALEM-GLOUCESTER PMSA			
LABOR FORCE	156,230	153,820	151,740
EMPLOYMENT	152,130	149,460	147,680
UNEMPLOYMENT	4,100	4,360	4,060
PERCENT UNEMPLOYED	2.6	2.8	2.7
SPRINGFIELD MSA			
LABOR FORCE	253,390	251,120	252,700
EMPLOYMENT	246,190	243,540	245,820
UNEMPLOYMENT	7,200	7,580	6,880
PERCENT UNEMPLOYED	2.8	3.0	2.7
WORCESTER MSA			
LABOR FORCE	225,140	220,170	217,180
EMPLOYMENT	219,680	214,350	211,900
UNEMPLOYMENT	5,460	5,810	5,280
PERCENT UNEMPLOYED	2.4	2.6	2.4
OTHER LABOR AREAS			
AMHERST LMA			
LABOR FORCE	32,000	31,800	30,870
EMPLOYMENT	31,280	30,930	30,070
UNEMPLOYMENT	720	860	800
PERCENT UNEMPLOYED	2.3	2.7	2.6
ATHOL LMA			
LABOR FORCE	10,620	10,250	10,430
EMPLOYMENT	10,130	9,730	10,020
UNEMPLOYMENT	500	520	410
PERCENT UNEMPLOYED	4.7	5.1	3.9
ATTLEBORO LMA			
LABOR FORCE	49,740	49,380	48,180
EMPLOYMENT	47,960	47,330	46,540
UNEMPLOYMENT	1,780	2,050	1,640
PERCENT UNEMPLOYED	3.6	4.1	3.4
BARNSTABLE LMA			
LABOR FORCE	107,130	112,280	98,580
EMPLOYMENT	103,680	108,950	95,660
UNEMPLOYMENT	3,450	3,320	2,920
PERCENT UNEMPLOYED	3.2	3.0	3.0
DUKES COUNTY LMA			
LABOR FORCE	7,410	8,870	6,710
EMPLOYMENT	7,200	8,530	6,520
UNEMPLOYMENT	210	340	190
PERCENT UNEMPLOYED	2.9	3.8	2.8

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
UNITED STATES, MASSACHUSETTS AND THE LABOR AREA
NOT SEASONALLY ADJUSTED

(In Thousands)

AREA	OCTOBER 1988	SEPTEMBER 1988	OCTOBER 1987
GARDNER LMA			
LABOR FORCE	15,280	15,070	14,830
EMPLOYMENT	14,630	14,400	14,260
UNEMPLOYMENT	650	670	570
PERCENT UNEMPLOYED	4.3	4.5	3.8
GREAT BARRINGTON LMA			
LABOR FORCE	9,210	9,200	9,270
EMPLOYMENT	9,030	8,990	9,040
UNEMPLOYMENT	170	210	230
PERCENT UNEMPLOYED	1.9	2.2	2.5
GREENFIELD LMA			
LABOR FORCE	27,660	27,520	26,810
EMPLOYMENT	26,990	26,750	26,190
UNEMPLOYMENT	670	770	620
PERCENT UNEMPLOYED	2.4	2.8	2.3
NANTUCKET LMA			
LABOR FORCE	5,480	6,840	5,170
EMPLOYMENT	5,430	6,770	5,120
UNEMPLOYMENT	50	70	50
PERCENT UNEMPLOYED	0.9	1.1	1.0
NORTH ADAMS LMA			
LABOR FORCE	20,500	20,680	19,740
EMPLOYMENT	19,840	19,950	19,050
UNEMPLOYMENT	660	730	690
PERCENT UNEMPLOYED	3.2	3.5	3.5
SOUTHBRIDGE LMA			
LABOR FORCE	13,440	13,320	13,990
EMPLOYMENT	12,930	12,860	13,520
UNEMPLOYMENT	510	460	480
PERCENT UNEMPLOYED	3.8	3.5	3.4
TAUNTON LMA			
LABOR FORCE	28,250	27,320	26,920
EMPLOYMENT	27,150	26,360	26,120
UNEMPLOYMENT	1,100	960	810
PERCENT UNEMPLOYED	3.9	3.5	3.0
WARE LMA			
LABOR FORCE	8,490	8,230	8,340
EMPLOYMENT	8,180	7,950	8,080
UNEMPLOYMENT	310	280	260
PERCENT UNEMPLOYED	3.6	3.5	3.1
BALANCE of WESTERN MASS EA			
LABOR FORCE	9,750	9,960	8,950
EMPLOYMENT	9,530	9,690	8,690
UNEMPLOYMENT	210	260	260
PERCENT UNEMPLOYED	2.2	2.6	2.9

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment.

LABOR FORCE, EMPLOYMENT AND UNEMPLOYMENT
MASSACHUSETTS CITIES AND TOWNS

OCTOBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employment	Unemployment	Rate
ABINGTON	7,762	7,507	255	3.3
ACTON	10,106	9,951	155	1.5
ACUSHNET	5,251	5,050	201	3.8
ADAMS	5,338	5,147	191	3.6
AGAWAM	14,461	14,118	343	2.4
ALFORD	234	230	4	1.7
AMESBURY	7,262	7,016	246	3.4
AMHERST	20,211	19,822	389	1.9
ANDOVER	13,802	13,502	300	2.2
ARLINGTON	26,417	25,894	523	2.0
ASHBURNHAM	2,338	2,257	81	3.5
ASHBY	1,219	1,192	27	2.2
ASHFIELD	944	917	27	2.9
ASHLAND	7,069	6,929	140	2.0
ATHOL	4,607	4,404	203	4.4
ATTLEBORO	18,761	17,996	765	4.1
AUBURN	8,785	8,641	144	1.6
AVON	2,928	2,832	96	3.3
AYER	3,557	3,421	136	3.8
BARNSTABLE	22,192	21,155	1,037	4.7
BARRE	2,377	2,308	69	2.9
BECKET	812	785	27	3.3
BEDFORD	6,841	6,709	132	1.9
BELCHERTOWN	4,787	4,698	89	1.9
BELLINGHAM	7,534	7,303	231	3.1
BELMONT	14,084	13,859	225	1.6
BERKLEY	1,866	1,783	83	4.4
BERLIN	1,285	1,250	35	2.7
BERNARDSTON	1,045	1,032	13	1.2
BEVERLY	22,942	22,446	496	2.2
BILLERICA	22,695	22,103	592	2.6
BLACKSTONE	3,457	3,289	168	4.9
BLANDFORD	631	614	17	2.7
BOLTON	1,658	1,621	37	2.2
BOSTON	300,023	290,722	9,301	3.1
BOURNE	8,062	7,818	244	3.0
BOXBOROUGH	2,065	2,027	38	1.8
BOXFORD	3,003	2,966	37	1.2
BOYLSTON	2,183	2,152	31	1.4
BRAINTREE	19,226	18,731	495	2.6
BREWSTER	3,664	3,611	53	1.4
BRIDGEWATER	9,557	9,345	212	2.2
BRIMFIELD	1,230	1,195	35	2.8
BROCKTON	49,483	47,401	2,082	4.2
BROOKFIELD	1,533	1,495	38	2.5
BROOKLINE	32,298	31,703	595	1.8
BUCKLAND	1,045	1,037	8	0.8
BURLINGTON	13,721	13,409	312	2.3
CAMBRIDGE	54,176	53,009	1,167	2.2
CANTON	10,275	10,065	210	2.0
CARLISLE	2,236	2,207	29	1.3
CARVER	4,588	4,464	124	2.7
CHARLEMONT	682	666	16	2.3
CHARLTON	4,279	4,185	94	2.2
CHATHAM	3,438	3,377	61	1.8
CHELMSFORD	19,478	19,007	471	2.4
CHELSEA	11,574	11,084	490	4.2
CHESHIRE	1,742	1,687	55	3.2
CHESTER	591	570	21	3.6
CHESTERFIELD	660	646	14	2.1
CHICOPEE	29,096	28,232	864	3.0
CHILMARK	459	425	34	7.4
CLARKSBURG	1,020	997	23	2.3
CLINTON	6,926	6,736	190	2.7
COHASSET	3,889	3,768	121	3.1
COLRAIN	919	900	19	2.1
CONCORD	9,192	9,068	124	1.3
CONWAY	875	852	23	2.6
CUMMINGTON	438	427	11	2.5
DALTON	3,392	3,296	96	2.8
DANVERS	14,966	14,664	302	2.0
DARTMOUTH	13,966	13,519	447	3.2
DEDHAM	13,496	13,246	250	1.9
DEERFIELD	3,008	2,952	56	1.9
DENNIS	7,380	7,202	178	2.4
DIGHTON	2,846	2,741	105	3.7
DOUGLAS	2,427	2,363	64	2.6
DOVER	2,452	2,418	34	1.4
DRACUT	15,114	14,581	533	3.5
DUDLEY	5,153	5,023	130	2.5
DUNSTABLE	1,228	1,212	16	1.3
DUXBURY	6,762	6,629	133	2.0
EAST BRIDGEWATER	5,467	5,317	150	2.7
EAST BROOKFIELD	991	962	29	2.9
EAST LONGMEADOW	6,368	6,264	104	1.6
EASTHAM	2,534	2,453	81	3.2
EASTHAMPTON	8,794	8,595	199	2.3
EASTON	11,087	10,840	247	2.2
EDGARTOWN	2,093	2,011	82	3.9
EGREMONT	824	812	12	1.5
ERVING	590	577	13	2.2
ESSEX	1,767	1,729	38	2.2
EVERETT	18,756	18,129	627	3.3
FAIRHAVEN	8,050	7,786	264	3.3
FALL RIVER	42,817	40,672	2,145	5.0
FALMOUTH	14,995	14,580	415	2.8
FITCHBURG	18,075	17,271	804	4.4
FLORIDA	376	363	13	3.5
FOXBOROUGH	8,064	7,946	118	1.5
FRAMINGHAM	39,223	38,391	832	2.1
FRANKLIN	10,098	9,838	260	2.6
FREETOWN	4,265	4,160	105	2.5
GARDNER	8,472	8,121	351	4.1
GAY HEAD	127	122	5	3.9
GEORGETOWN	3,059	2,987	72	2.4
GILL	789	783	6	0.8
GLOUCESTER	16,223	15,278	945	5.8
GOSHEN	451	450	1	0.2
GOSNOLD	35	35	0	0.0
GRAFTON	7,062	6,939	123	1.7
GRANBY	2,843	2,767	76	2.7
GRANVILLE	744	733	11	1.5
GREAT BARRINGTON	3,973	3,894	79	2.0
GREENFIELD	10,084	9,830	254	2.5
GROTON	3,884	3,816	68	1.8
GROVELAND	2,680	2,615	65	2.4
HADLEY	3,099	3,013	86	2.8
HALIFAX	2,970	2,903	67	2.3
HAMILTON	4,277	4,219	58	1.4
HAMPDEN	2,255	2,215	40	1.8
HANCOCK	344	341	3	0.9
HANOVER	6,088	5,953	135	2.2
HANSON	4,386	4,278	108	2.5
HARDWICK	936	899	37	4.0
HARVARD	3,440	3,399	41	1.2
HARWICH	5,079	4,967	112	2.2
HATFIELD	2,202	2,167	35	1.6
HAVERHILL	23,291	22,406	885	3.8
HAWLEY	204	197	7	3.4
HEATH	312	311	1	0.3
HINGHAM	10,161	9,943	218	2.1
HINSDALE	879	834	45	5.1
HOLBROOK	6,139	5,986	153	2.5
HOLDEN	7,879	7,757	122	1.5
HOLLAND	787	770	17	2.2
HOLLISTON	7,488	7,330	158	2.1
HOLYOKE	17,952	17,259	693	3.9
HOPEDALE	2,079	2,002	77	3.7
HOPKINTON	4,944	4,852	92	1.9
HUBBARDSTON	904	866	38	4.2
HUDSON	10,501	10,264	237	2.3
HULL	4,707	4,510	197	4.2
HUNTINGTON	917	888	29	3.2
IPSWICH	7,036	6,894	142	2.0
KINGSTON	4,246	4,136	110	2.6
LAKEVILLE	3,596	3,547	49	1.4
LANCASTER	3,188	3,130	58	1.8
LANESBOROUGH	1,678	1,612	66	3.9
LAWRENCE	28,862	27,110	1,752	6.1
LEE	3,066	2,959	107	3.5
LEICESTER	5,378	5,273	105	2.0
LENOX	3,450	3,374	76	2.2
LEOMINSTER	16,803	16,198	605	3.6
LEVERETT	1,175	1,136	39	3.3
LEXINGTON	16,752	16,497	255	1.5
LEYDEN	380	373	7	1.8
LINCOLN	3,504	3,464	40	1.1
LITTLETON	4,114	4,045	69	1.7
LONGMEADOW	7,804	7,683	121	1.6
LOWELL	52,912	50,734	2,178	4.1
LUDLOW	10,349	10,105	244	2.4
LUNENBURG	4,369	4,218	151	3.5
LYNN	39,887	38,447	1,440	3.6
LYNNFIELD	6,128	6,022	106	1.7

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employment	Unemployment	Rate
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANCHESTER	2,986	2,941	45	1.5
MANSFIELD	8,234	8,144	90	1.1
MARBLEHEAD	11,003	10,786	217	1.9
MARION	1,954	1,893	61	3.0
MARLBOROUGH	18,774	18,345	429	2.3
MARSHFIELD	11,828	11,474	353	3.0
MASHPEE	3,744	3,653	91	2.5
MATTAPOISETT	3,222	3,145	77	2.4
MAYNARD	5,732	5,598	133	2.3
MEDFIELD	5,581	5,492	90	1.6
MEDFORD	30,896	30,075	821	2.7
MEDWAY	5,123	5,013	110	2.1
MELROSE	15,828	15,480	348	2.2
MENDON	1,893	1,847	46	2.4
MERRIMAC	2,417	2,343	74	3.1
METHUEN	21,122	20,521	601	2.8
MIDDLEBOROUGH	8,151	7,907	245	3.0
MIDDLEFIELD	200	199	1	0.5
MIDDLETON	3,041	2,972	69	2.3
MILFORD	13,314	12,893	465	3.5
MILLBURY	6,534	6,383	150	2.6
MILLIS	3,983	3,905	78	2.0
MILLVILLE	994	971	23	2.3
MILTON	13,143	12,819	324	2.5
MONROE	63	63	0	0.0
MONSON	3,611	3,528	83	2.3
MONTAGUE	4,621	4,454	167	3.6
MONTEREY	604	597	7	1.2
MONTGOMERY	309	306	3	1.0
MOUNT WASHINGTON	76	75	1	1.3
NAHANT	2,241	2,203	38	2.6
NANTUCKET	5,695	5,625	70	0.9
NATICK	18,196	17,757	363	1.9
NEEDHAM	15,246	15,027	219	1.4
NEW ASHFORD	102	102	0	0.0
NEW BEDFORD	47,324	45,581	2,126	4.3
NEW BRAINTREE	1,[illegible]	1,[illegible]	3	1.6
NEW MARLBOROUGH	757	748	9	1.2
NEW SALEM	474	393	81	17.1
NEWBURY	2,614	2,571	43	1.6
NEWBURYPORT	8,774	8,499	299	3.4
NEWTON	46,[illegible]	47,259	759	1.6
NORFOLK	3,633	3,564	69	1.9
NORTH ADAMS	8,827	8,257	370	4.3
NORTH ANDOVER	11,256	10,981	271	2.4
NORTH ATTLEBOROUGH	12,384	12,054	362	2.9
NORTH BROOKFIELD	2,249	2,193	56	2.2
NORTH READING	6,863	6,736	127	1.8
NORTHAMPTON	14,421	14,084	336	2.3
NORTHBOROUGH	6,603	6,493	109	1.6
NORTHBRIDGE	6,831	6,660	171	2.5
NORTHFIELD	1,423	1,405	18	1.3
NORTON	7,322	7,172	150	2.0
NORWELL	4,871	4,770	100	2.1
NORWOOD	18,853	18,389	464	2.8
OAK BLUFFS	1,371	1,328	53	3.9
OAKDALE	524	520	4	0.8
ORANGE	2,906	2,779	127	4.4
ORLEANS	3,234	3,173	61	1.9
OTIS	494	480	14	2.8
OXFORD	6,632	6,490	142	2.4
PALMER	6,202	6,004	198	3.2
PAXTON	2,277	2,245	32	1.4
PEABODY	28,484	27,765	719	2.5
PELHAM	975	943	32	3.3
PEMBROKE	7,400	7,229	171	2.3
PEPPERELL	5,293	5,209	84	1.6
PERU	422	418	4	0.9
PETERSHAM	401	389	12	2.9
PHILLIPSTON	491	474	17	3.5
PITTSFIELD	53,922	51,287	1,635	4.8
PLAINFIELD	230	219	11	4.8
PLAINVILLE	3,328	3,107	221	6.6
PLYMOUTH	19,035	18,425	610	3.2
PLYMPTON	1,122	1,102	20	1.8
PRINCETON	1,756	1,719	37	2.1
PROVINCETOWN	2,479	2,221	258	10.4
QUINCY	46,684	45,300	1,384	3.0
RANDOLPH	16,455	15,990	465	2.8
RAYNHAM	5,159	5,031	128	2.5
READING	13,120	12,835	285	2.2
REHOBOTH	4,264	4,163	101	2.4
REVERE	22,893	22,080	813	3.6
RICHMOND	885	867	18	2.0
ROCHESTER	1,993	1,941	28	2.6
ROCKLAND	7,820	7,628	192	2.5
ROCKPORT	3,405	3,284	121	3.6
ROWE	193	186	7	3.6
ROWLEY	2,781	2,707	74	2.7
ROYALSTON	655	645	10	1.2
RUSSELL	783	764	19	2.4
RUTLAND	2,519	2,477	42	1.7
SALEM	22,943	22,318	625	2.7
SALISBURY	3,490	3,333	157	4.5
SANDISFIELD	396	391	5	1.3
SANDWICH	7,684	7,337	147	2.0
SAUGUS	14,637	14,204	433	3.0
SAVOY	371	360	11	3.0
SCITUATE	9,073	8,871	204	2.2
SEEKONK	6,549	6,450	99	1.5
SHARON	8,259	8,115	144	1.7
SHEFFIELD	1,573	1,548	25	1.6
SHELBURNE	2,071	2,031	40	1.7
SHERBORN	2,181	2,139	28	1.2
SHIRLEY	2,796	2,731	65	2.3
SHREWSBURY	23,402	23,157	245	1.0
SHUTESBURY	921	907	14	1.5
SOMERSET	9,901	9,579	322	3.3
SOMERVILLE	40,391	39,348	1,043	2.6
SOUTH HADLEY	8,790	8,594	196	2.2
SOUTHAMPTON	2,393	2,338	55	2.3
SOUTHBOROUGH	3,642	3,576	66	1.8
SOUTHBRIDGE	7,456	7,092	364	4.9
SOUTHWICK	4,103	4,027	76	1.9
SPENCER	6,160	6,050	110	1.8
SPRINGFIELD	67,575	65,083	2,492	3.7
STERLING	3,739	3,691	48	1.3
STOCKBRIDGE	1,335	1,314	21	1.6
STONEHAM	13,847	13,562	285	2.1
STOUGHTON	15,049	14,674	375	2.5
STOW	3,153	3,106	47	1.5
STURBRIDGE	3,373	3,294	79	2.3
SUDBURY	7,613	7,503	110	1.4
SUNDERLAND	2,418	2,327	91	3.8
SUTTON	3,485	3,419	66	1.9
SWAMPSCOTT	7,998	7,837	161	2.0
SWANSEA	8,244	7,992	252	3.1
TAUNTON	23,534	22,624	910	3.9
TEMPLETON	2,593	2,497	96	3.7
TEWKSBURY	15,088	14,690	398	2.6
TISBURY	2,405	2,372	33	1.4
TOLLAND	149	145	4	2.7
TOPSFIELD	3,181	3,115	66	2.1
TOWNSEND	6,482	6,404	78	1.7
TRURO	694	665	29	4.2
TYNGSBOROUGH	4,787	4,659	128	2.7
TYRINGHAM	349	348	1	0.4
UPTON	2,327	2,289	38	1.6
UXBRIDGE	4,900	4,761	139	2.8
WAKEFIELD	16,318	16,003	315	2.2
WALES	591	577	14	2.4
WALPOLE	10,932	10,531	401	3.7
WALTHAM	33,739	33,038	701	2.1
WARE	3,832	3,693	139	3.6
WAREHAM	10,565	10,173	392	3.7
WARREN	1,506	1,430	76	5.0
WARWICK	232	228	4	1.7
WASHINGTON	324	314	10	3.1
WATERTOWN	20,204	19,791	413	2.0
WAYLAND	7,040	6,926	114	1.6
WEBSTER	8,032	7,707	325	4.0
WELLESLEY	14,081	13,910	171	1.2
WELLFLEET	1,253	1,210	43	3.3
WENDELL	407	378	29	7.1
WENHAM	2,214	2,192	22	1.0
WEST BOYLSTON	3,474	3,417	57	1.6
WEST BRIDGEWATER	3,514	3,429	85	2.4

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

OCTOBER 1988 PRELIMINARY ESTIMATES

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
[illegible]	7,440	7,180	260	3.5
[illegible]	6,371	6,275	96	1.5
[illegible]	1,541	1,500	41	2.7
[illegible]	4,323	4,271	52	1.2
[illegible]	9,489	9,221	268	2.8
[illegible]	3,306	3,141	165	5.0
[illegible]	10,978	10,794	184	1.7
[illegible]	355	348	7	2.0
[illegible]	10,832	10,527	305	2.8
[illegible]	22,325	21,755	570	2.6
[illegible]	83,362	80,938	2,424	2.9
[illegible]	641	627	14	2.2
[illegible]	3,888	3,820	68	1.7
YARMOUTH	10,326	10,075	251	2.4

NOTE: By place of residence, not comparable to nonagricultural wage and salary employment

City or Town Name	Labor Force	Employ-ment	Unemploy-ment	Rate
WEST BROOKFIELD	1,379	1,333	46	3.3
WEST NEWBURY	1,594	1,569	25	1.6
WEST SPRINGFIELD	14,683	14,288	395	2.7
WEST STOCKBRIDGE	767	739	28	3.7
WEST TISBURY	921	918	3	0.3
WESTBOROUGH	8,184	8,053	131	1.6
WESTFIELD	18,465	17,982	483	2.6
WESTFORD	8,990	8,767	223	2.5
WESTHAMPTON	814	809	5	0.6
WESTMINSTER	2,683	2,599	84	3.1
WESTON	5,763	5,692	71	1.2
WESTPORT	7,044	6,796	248	3.5
WESTWOOD	6,981	6,872	109	1.6
WEYMOUTH	30,709	29,862	847	2.8
WHATELY	993	960	33	3.3

UNEMPLOYMENT INSURANCE CLAIMS[1]
MASSACHUSETTS AND THE LABOR AREAS

NOT SEASONALLY ADJUSTED

MASSACHUSETTS AND THE LABOR AREAS	INITIAL CLAIMS			CONTINUED CLAIMS[2]		
	OCT 88	SEPT 88	OCT 87	OCT 88	SEPT 88	OCT 87
MASSACHUSETTS	4,546	4,075	4,069	40,613	42,260	34,436
MAJOR LABOR AREAS						
BOSTON PMSA	1,633	1,577	1,256	18,361	19,071	14,796
BROCKTON PMSA	184	126	101	1,482	1,432	1,119
FALL RIVER PMSA[3]	416	283	315	1,726	1,708	2,160
FITCHBURG-LEOMINSTER MSA	85	58	53	811	797	596
LAWRENCE-HAVERHILL PMSA[4]	280	355	218	2,551	2,529	2,864
LOWELL PMSA[4]	187	184	173	1,962	2,016	1,446
NEW BEDFORD MSA	261	208	210	1,680	1,713	1,324
PITTSFIELD MSA	56	77	50	966	1,019	684
SPRINFIELD MSA	257	222	233	1,856	2,034	1,664
SALEM-GLOUCESTER PMSA	392	380	317	3,277	3,296	2,706
WORCESTER MSA	235	211	232	3,441	2,548	1,988
OTHER LABOR AREAS						
AMHERST LMA	8	15	17	110	121	89
ATHOL LMA	24	25	21	231	221	167
BARNSTABLE COUNTY LMA	224	157	184	1,496	1,259	1,126
BALANCE OF WESTERN MA EA	4	8	9	61	69	85
DUKES COUNTY LMA	22	5	18	45	21	50
GARDNER LMA	31	37	34	293	283	223
GREAT BARRINGTON LMA	7	2	15	64	66	47
GREENFIELD LMA	30	44	37	320	289	200
NANTUCKET LMA	2	4	3	16	13	7
NORTH ADAMS LMA	51	51	52	318	338	298
SOUTHBRIDGE LMA	37	20	29	214	171	166
TAUNTON LMA	137	82	43	515	416	304
WARE LMA	29	16	11	130	118	128

1 - Week that includes the 12th
2 - Includes regular compensation not extended compensation
3 - Includes Rhode Island residents of PMSA
4 - Includes New Hampshire residents of PMSA

EXPLANATION OF TERMS

Nonagricultural Wage and Salary Employment. Includes all workers who worked full or part-time or who received vacation pay, holiday pay or sick leave pay directly from the employer for the pay period which includes the 12th of the month. Excluded are workers in most agricultural industries as well as those in forestry, fisheries and international government. Also excluded are self-employed workers, unpaid family workers and domestics in private households.

Benchmark. A reasonably complete count of employment at a specified period of time, usually the first quarter of the year. The principal sources of benchmark data for the CES Program are tabulations of employment reported by establishments covered by the Massachusetts Employment Security Law and by Federal government agencies covered by Federal U.I. Law. These principal sources are supplemented for those nonagricultural jobs not covered by U.I. (e.g., religious, students employed by the institution attended).

Establishment. An establishment is an economic unit which produces goods or services, generally at a single physical location, and is engaged in only one type of activity.

Labor Force. The sum of the employed and unemployed living in the area (total employment plus total unemployment).

Total Employment. The count of persons, living in the area, who did any work at all, in any area, for pay or profit during the week of the month including the 12th or who had a job from which they were temporarily absent because of illness, vacation, labor dispute or other reasons which does not reflect a shortage of work.

Total Unemployment. The count of persons, living in the area, who did no work at all, in any area, during the week of the month including the 12th, but who were looking for work or awaiting recall from layoff or beginning a new job within the next 30 days.

Unemployment Rate. Unemployment expressed as a percent of the labor force.

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